






















## Phase End Project

### Taxi Service Automation using TestNG,Jenkins,Docker,AWS

- ▼  TaxiService
  - >  src/main/java
  - >  src/main/resources
  - >  src/test/java
  - >  src/test/resources
  - >  JRE System Library [JavaSE-1.8]
  - >  Maven Dependencies
  - >  target/generated-sources/annotations
  - >  target/generated-test-sources/test-annotations
  - >  src
  - ▼  target
    - >  generated-sources
    - >  generated-test-sources
    - >  maven-archiver
    - >  maven-status
    -  TaxiService-0.0.1-SNAPSHOT.jar
  - >  test-output
  -  Dockerfile
  -  Jenkins.txt
  -  pom.xml
  -  testng.xml

#### Times for Suite

Total running time: 4 seconds			
Number	Method	Class	Time (ms)
0	Scrolltest	com.test.Taxiservicetest	2,809
1	testone	com.test.Taxiservicetest	648
2	logintest	com.test.Taxiservicetest	368
3	radiotest	com.test.Taxiservicetest	264



Instance: i-0e4f14b9306cad2c6 (Taxi)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Status checks

Info

Status checks detect problems that may impair i-0e4f14b9306cad2c6 (Taxi) from running your applications.

System status checks

Running

Instance status checks

Running

Report the instance status if our checks do not reflect your experience with this instance or if they do not detect issues you are having.

Report instance status

Actions

```
#
AWS Console Home Amazon Linux 2023
~# #\
~# \###\
~# \###|
~# \|
~# V~/ -> https://aws.amazon.com/linux/amazon-linux-2023
~# /m/

Last login: Mon Jul 31 13:22:15 2023 from 18.206.107.29
[ec2-user@ip-172-31-89-93 ~]$ ssh -i "taxiKP.pem" ec2-user@ec2-18-212-164-75.compute-1.amazonaws.com
Warning: Identity file taxiKP.pem not accessible: No such file or directory.
[ec2-user@ec2-18-212-164-75.compute-1.amazonaws.com ~]$ cd /opt/taxiservice=project
-bash: cd: /opt/taxiservice=project: No such file or directory
[ec2-user@ip-172-31-89-93 ~]$ cd /opt/taxiservice-project
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo wget ^C

-bash: udo: command not found
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo wget https://github.com/SwaroopAV21/java-fsd/blob/master/TaxiService-0.0.1-SNAPSHOT.jar

-bash: udo: command not found
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo wget https://github.com/SwaroopAV21/java-fsd/blob/master/TaxiService-0.0.1-SNAPSHOT.jar
--2023-07-31 13:39:38-- https://github.com/SwaroopAV21/java-fsd/blob/master/TaxiService-0.0.1-SNAPSHOT.jar
Resolving github.com (github.com)... 140.82.112.3
Connecting to github.com (github.com)|140.82.112.3|:443... connected.
HTTP request sent, awaiting response... 200 OK
```

```

-bash: udor: command not found
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo wget https://github.com/SwaroopAV21/java-fsd/blob/master/TaxiService-0.0.1-SNAPSHOT.jar
--2023-07-31 13:39:38-- https://github.com/SwaroopAV21/java-fsd/blob/master/TaxiService-0.0.1-SNAPSHOT.jar
Resolving github.com (github.com)... 140.82.112.3
Connecting to github.com (github.com)[140.82.112.3]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 6455 (6.3K) [text/plain]
Saving to: 'TaxiService-0.0.1-SNAPSHOT.jar'

TaxiService-0.0.1-SNAPSHOT.jar      100%[=====>] 6.30K  --.-KB/s  in 0s

2023-07-31 13:39:38 (52.4 MB/s) - 'TaxiService-0.0.1-SNAPSHOT.jar' saved [6455/6455]

[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo java -jar TaxiService-0.0.1-SNAPSHOT.jar
Error: Invalid or corrupt jarfile TaxiService-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo java -jar TaxiService-0.0.1-SNAPSHOT.jar
Error: Invalid or corrupt jarfile TaxiService-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo java -jar TaxiService-0.0.1-SNAPSHOT.jar
Error: Invalid or corrupt jarfile TaxiService-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-89-93 taxiservice-project]$ sudo java -jar TaxiService-0.0.1-SNAPSHOT.jar
Error: Invalid or corrupt jarfile TaxiService-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-89-93 taxiservice-project]$

```

## Creating jenkins pipeline , with pipeline in jenkins.txt

Dashboard > TaxiservicePipeline > Configuration

### Configure

- General
- Advanced Project Options**
- Pipeline

#### Advanced Project Options

Advanced ▾

#### Pipeline

Definition

Pipeline script ▾

```

Script ?
1- pipeline{
2-
3-   agent any
4-
5-   tools {
6-       // Install the Maven version configured as "mvn" and add it to the path.
7-       maven "default"
8-       //Jdk "java11"
9-   }
10-
11-   stages {
12-
13-       stage('Maven Build') {
14-
15-           steps {
16-               dir('C:/Users/Swaroop/Desktop/Eclipseworkspace/TaxiService') {
17-                   bat "mvn -Dmaven.test.skip=true clean package"
18-               }
19-           }
20-       }
21-   }
22- }

```

☒ Use Groovy Sandbox ?

[Pipeline Syntax](#)

Save Apply

Dashboard > TaxiservicePipeline >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

### Pipeline TaxiservicePipeline

#### Stage View

Average stage times:  
(Average full run time: ~ 1min 19s)

	Declarative: Tool Install	Maven Build
#2	2s	1min 7s
#1	2s	1min 7s

#### Build History

trend

Filter builds...

#2

Jul 31, 2023, 9:06 PM

#1

Jul 31, 2023, 6:25 PM

Atom feed for all
Atom feed for failures

#### Permalinks

- Last build (#1), 2 hr 40 min ago
- Last stable build (#1), 2 hr 40 min ago
- Last successful build (#1), 2 hr 40 min ago
- Last completed build (#1), 2 hr 40 min ago

## ✓ Console Output

```

Started by user Swaroop A V
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in C:\ProgramData\jenkins\workspace\TaxiservicePipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Tool Install)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Maven Build)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] withEnv
[Pipeline] {
[Pipeline] dir
Running in C:\Users\Swaroop\Desktop\EclipseWorkspace\TaxiService
[Pipeline] {
[Pipeline] bat

C:\Users\Swaroop\Desktop\EclipseWorkspace\TaxiService>mvn -Dmaven.test.skip=true clean package
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for TaxiService:TaxiService:jar:0.0.1-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-compiler-plugin is missing. @ line 47, column 12

```

```

[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS

```

Building an image in docker and pushing it to docker hub

```

swaroopvmphasis@ip-172-31-82-53:~/Desktop$ docker build -t taxi --output type=docker .
Sending build context to Docker daemon 21.5kB
Step 1/4 : FROM eclipse-temurin:17-jdk-alpine
17-jdk-alpine: Pulling from library/eclipse-temurin
31e352740f53: Pull complete
8aad99aa732: Pull complete
eeaf3196661f: Pull complete
5463adbbb67d: Pull complete
Digest: sha256:3ecc5edd648f5d9c92e53e8eb6361cfcfaf626220f8308332f239dfb03418c1c
Status: Downloaded newer image for eclipse-temurin:17-jdk-alpine
--> 31bced4949df
Step 2/4 : VOLUME /tmp
--> Running in 341b0e4a558b
Removing intermediate container 341b0e4a558b
--> 6bf91795fd2e
Step 3/4 : COPY target/*.jar app.jar
COPY failed: no source files were specified
swaroopvmphasis@ip-172-31-82-53:~/Desktop$

```

```


swaroopvmphasis@ip-172-31-82-53:~/Desktop$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
taxi                 latest             6bf91795fd2e       6 minutes ago      300MB
eclipse-temurin     17-jdk-alpine     31bced4949df       5 days ago         300MB
hello-world         latest            bf756fblae65       3 years ago        13.3kB
swaroopvmphasis@ip-172-31-82-53:~/Desktop$

```

```

swaroopvmphasis@ip-172-31-82-53:~/Desktop$ docker image ls
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
taxii               latest             6bf91795fd2e       21 minutes ago     300MB
taxi                latest             6bf91795fd2e       21 minutes ago     300MB
eclipse-temurin    17-jdk-alpine     31bced4949df       5 days ago         300MB
hello-world        latest            bf756fblae65       3 years ago        13.3kB
swaroopvmphasis@ip-172-31-82-53:~/Desktop$ docker tag taxi:latest swaroopav21/taxiimage:taxiimg
swaroopvmphasis@ip-172-31-82-53:~/Desktop$ docker push swaroopav21/taxiimage:taxiimg
The push refers to repository [docker.io/swaroopav21/taxiimage]
23d7182b8e52: Pushed
644a85248299: Pushed
4aab2363d488: Pushed
78a822fe2a2d: Pushed
taxiimg: digest: sha256:ee56dc8d6132d22ba04fd0b71b2359b84e457d81ecb663daeadd373a1b7333854 size: 1159
swaroopvmphasis@ip-172-31-82-53:~/Desktop$

```


[Search Docker Hub](#)
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[Organizations](#)
[Help](#)
[Upgrade](#)
swaroopav21

swaroopav21

Search by repository name

All Content

Create repository

swaroopav21 / taxiimage

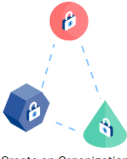
Contains: image | Last pushed: 3 minutes ago

Inactive

0

0

Public



Create an Organization  
Manage Docker Hub repositories  
with your team